

**PUBLIC HEALTH AND MEDICAL (EMERGENCY FUNCTION 08)
SITUATION REPORT
INFLUENZA, JANUARY 2017
DATE OF REPORT: JANUARY 18, 2017
OPERATIONAL PERIOD 1: 1/13/17 - 1/18/17
CALIFORNIA DEPARTMENT OF PUBLIC HEALTH
EMERGENCY MEDICAL SERVICES AUTHORITY**

EXECUTIVE SUMMARY

California continues to see high levels of influenza or influenza-like illness (ILI) hospitalization above expected levels. While influenza activity varies from year to year and is unpredictable, California generally sees an increase in cases in late December or early January and it often peaks in February or March. During Week 1 (January 1 through January 6, 2017) of this year, increases in influenza-associated deaths in people under 65 were reported in multiple regions statewide. In Week 1, there were 5 deaths, for people under the age of 65, associated with influenza. The Hemagglutinin 3 and Neuraminidase 2 (H3N2) strain appears to be the predominant strain so far this flu season and this is contained in the current flu vaccine.

The Medical and Health Coordination Center (MHCC) continues to remain activated as of 8:00 AM on January 13, 2017 in response to an increase in ILI and medical surge occurring throughout California. The MHCC will distribute a Public Health and Medical (Emergency Function 8) Situation Report related to influenza on Wednesdays of every week.

The MHCC has received three local situation reports from Lake, Santa Clara, and Sonoma operational areas. There are no resource requests or significant impacts requiring further assistance at this time.

DUTY OFFICERS ON CALL

Table 1. Duty Officers On Call		
Agency/Program	Duty Officer Information	
CDPH Duty Officer	Name:	Kala Haley
	Contact Information:	916-328-3605
EPO Duty Officer	Name:	Jean Paradis
	Contact Information:	916-328-9025
EMSA Duty Officer	Name:	Bill Campbell
	Contact Information:	916-423-0911

STATE/REGION OVERVIEW

Table 2. State/Regional Overview		
Region/State	Proclamation/Declaration	Activation
MHCC	None	Low (Level 1)

OA MEDICAL AND HEALTH SYSTEM OVERVIEW

Table 3. Operational Area Medical and Health System Overview				
Operational Area	Proclamation/ Declaration	Activation	System Condition	Prognosis
Mutual Aid Region II				
Lake	None	None	Green	Worsening
Santa Clara	None	None	Yellow	Worsening
Sonoma	None	None	Yellow	Improving

CURRENT IMPACTS/ACTIONS

Table 4. Operational Area Current Impacts/Actions		
Operational Area	Categories	Situation Status
Mutual Aid Region II		
Lake	Summary of OA Situation Report	<ul style="list-style-type: none"> • Lake County has noted an increase in influenza-like illness (ILI), most notably over the past week. • There was an outbreak of respiratory illness at an assisted living facility and one resident was transported to the emergency department where testing was negative for influenza. Since many of the other ill residents at facility did not have a fever, it is suspected this was an outbreak of some other respiratory virus. • There have been no deaths in Lake County related to influenza. All acute care hospitals and skilled nursing facilities are fully functional.
	Priorities	<ul style="list-style-type: none"> • Monitor the epidemiological curve of influenza cases. • Assure that the current guidance for reporting and management of cases is followed. • Monitor the capacity of healthcare facilities to accommodate patients. • Promote appropriate infection control and responder safety practices. • Continue to promote influenza vaccination.
	Resource Requests (Anticipated)	<ul style="list-style-type: none"> • None
Santa Clara	Summary of OA Situation Report	<ul style="list-style-type: none"> • In Santa Clara County, hospitals are seeing an increase in Influenza Type A and Respiratory Syncytial Virus (RSV). • The predominant strain this season is influenza A H3N2, Hong Kong-like, which is included in this year's influenza vaccine. Flu seasons with H3 predominant tend to be more severe and result in more hospitalizations, especially among people >65. • The first influenza death in an individual <65 was reported this week. • Currently tracking ~8 influenza and respiratory outbreaks in facilities such as skilled nursing facilities.

Table 4. Operational Area Current Impacts/Actions		
Operational Area	Categories	Situation Status
		<ul style="list-style-type: none"> There has been a problem with skilled nursing facilities taking back influenza patients because they don't have the ability to isolate them. Santa Clara County was one of the first local health departments to alert the CDPH Healthcare Associated Infections Program regarding this issue.
	Priorities	<ul style="list-style-type: none"> A press release and health alert were issued on January 6, 2017. Two county-wide health officer influenza calls have been conducted and will continue weekly until they are no longer necessary.
	Resource Requests (Anticipated)	<ul style="list-style-type: none"> None
Sonoma	Summary of OA Situation Report	<ul style="list-style-type: none"> There have been nine outbreaks in residential care facilities, including two new this past week. Six severe cases that warranted admission to Intensive Care Units (ICUs) have been reported. There is limited bed availability for ICUs due to experiencing surge within Sonoma County hospitals. There are also periodic extended ambulance offload times due to inundated emergency departments.
	Priorities	<ul style="list-style-type: none"> Continue to monitor the situation for ongoing impacts to the local health and medical system. Continue to work with congregate care facilities regarding infection control interventions during outbreaks. Continue to work with hospitals and congregate care facilities regarding discharge and acceptance of patients.
	Resource Requests (Anticipated)	<ul style="list-style-type: none"> None

CDPH CENTER/PROGRAM RESPONSE ACTIVITIES

Center for Infectious Diseases (CID), Division of Communicable Disease Control (DCDC)

- Influenza activity in California continued to increase in January 2017.
- Outpatient influenza-like illness (ILI)
 - 3.0% of patient visits during Week 1 were for ILI, which is above expected levels for this time of year
- Hospitalization data
 - 10.4% of Kaiser patients hospitalized during Week 1 were admitted with a pneumonia or influenza (P&I) diagnosis, which is above expected levels for this time of year
- Influenza virus detections by Respiratory Laboratory Network and Sentinel Laboratories

- 2,209 (32.8%) of 6,743 specimens tested were positive for influenza during Week 1
- Influenza-associated deaths among patients 0–64 years of age
 - Five laboratory-confirmed influenza deaths were reported during Week 1
- Influenza-associated outbreaks
 - 23 laboratory-confirmed influenza outbreaks were reported during Week 1

Center for Health Care Quality (CHCQ), Division of Licensing and Certification (L&C)

L&C continues to monitor General Acute Care Hospitals (GACHs) and Skilled Nursing Facilities (SNFs) for influenza-related impacts. Please see below for a summary of impacted operational areas with health care facilities. No Facilities Status Report (FSR) will be provided going forward to protect privacy of health care facilities.

There are 4 General Acute Care Hospitals (GACHs) that are experiencing medical surge in the following operational areas:

- Butte
- San Joaquin
- Tulare
- Yuba

There are 8 Skilled Nursing Facilities (SNFs) that are experiencing Influenza outbreaks in the following operational areas:

- Contra Costa
- Fresno
- Alameda
- Ventura

Emergency Preparedness Office (EPO)

- The MHCC is being staffed at a Level 1 (low) activation to compile and update information related to influenza from a variety of sources, and to coordinate response activities across CDPH Centers/Programs.
- MHCC and EPO management regularly participate in teleconferences regarding influenza with federal, state and local partners, assist in development of guidance documents, and coordinate CDPH Center/Program actions.
- The MHCC has not received an influenza inquiry during this operational period.

California Health Alert Network (CAHAN)

There were 9 CAHAN alerts sent this operational period:

January 12, 2017

- Health Care Provider Influenza Call
- LHD Conference Call
- LHD Conference Call, Agenda

January 13, 2017

- MHCC Activation, Influenza
- LHD Conference Call, Revised Agenda
- Health Care Provider Conference Call, Agenda
- All Facilities Letter 17-01
- Health Care Provider Conference Call, Revised Agenda
- All Facilities Letter 17-02

Office of Public Affairs (OPA)

News Releases Issued

- None issued during the operational period.

Public Health Advisories in Effect

- None issued during the operational period.

Media Contacts of Note

- Since January 10, 2017, seven media inquiries were made about the flu. The media outlets include Bay Area News Group, KSCI-LA18, The Fresno Bee, Capital Public Radio, NBC, KUZZ News, and Ventura County Star. The reporters sought flu statistics in California and information on how to prevent the spread of the disease.

Social Media Summary

- Since January 10, 2017, one Twitter post related to influenza prevention was issued. One Facebook post on the Spanish Facebook page contains an audio recording of Dr. Gil Chavez speaking about influenza this season in Spanish.

CDC Guidance Documents Released

CDC factsheets and other guidance can be found here:

<https://www.cdc.gov/flu/about/season/current.htm>